

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	2) Removing BS slab & drains and stacking etc complete Qty as per premeasurement Recorded vide Page No: 265258 of this MB is 1055.70 m ² @ Rs. 58.32/m ²						61568 = 0
	3) Refixing stone slabs & drains and pointing in CM (1:3) etc complete Qty vide Item No. ② is 1055.70 m ² @ 75.60/m ²						79861 = 0
	4) Providing and laying in position plain cement concrete of mix 1:1.5:3 with OPC cement @ 180 kgs with house and down size graded granite metal coarse aggregate @ 0.85 cum and fine aggregate @ 0.57 cum						

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Date 1	Full description, etc, of work 2
	machine mixed concrete well compacted in position Qty Per
	5) providing and controlling compressive strength test masonry (quoins, sand of size 40x20x20 cms including cost of material

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No. B

265269

Serial No.

Name of Work From To

Name of Contractor of nature of Agency

Date of commencement of work

Contents	Reference to last Measurement
7	8
Recorded vide 1055-7042	61568=00
cf complete 1055-7042	79861=00
size graded @ 0.57 cm	

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	machine mixed concrete laid in layers not exceeding 15 cms thick well compacted in foundation and plinth <u>etc complete</u> Qty as per premeasurement Recorded vide Page No: 26525811 of this MB is 4.27 m ³ @ Rs. 4867.04/m ³						20697=00
	5) providing and constructing precast concrete solid blocks with compressive strength not less than 25 kg/cm ² with cement mortar 1:4 masonry (quoin, jamb, corner blocks) with solid concrete blocks of size 40x20x20 cms conforming to IS 2185/1965 in superstructure including cost of materials <u>etc complete</u>						

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Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Siddivinayaka Ho main Road R/S	2	27.00	-	0.40	21.60	
		2	17.80	-	0.40	14.24	
		2	23.20	-	0.40	18.56	
		2	24.60	-	0.40	19.68	
		2	30.00	-	0.40	24.00	
		2	29.50	-	0.40	23.60	
		2	7.60	-	0.40	6.08	
	L/S	2x3	30.00	-	0.40	72.00	
		2	6.00	-	0.40	4.80	
		2	30.00	-	0.40	24.00	
		2	17.40	-	0.40	13.92	
		2x4	30.00	-	0.40	96.00	
		2	24.00	-	0.40	38.40	
		TOTAL qty				360.00 m ²	
		qty up to 125'.				165.00 m ²	163944=10

@ 993.60/m²

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Date 1	Full description, etc, of work 2
	6) providing and laying in 1:2:4 with cement @ 240 Granite metal course app cm machine mixed concre well compacted in found Siddivinayaka Ho main Road Bottom

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Serial No.

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Name of Contractor or nature of Agency

Date of commencement of work

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
			Qty Above 125%			195.00 m ²	
				@ 1018.44/m ²			198596.00
	6) providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum machine mixed concrete laid in layers not exceeding 15 cms thick well compacted in foundation, plinth and with etc complete						
	Siddhivinayaka Ho Main	✓	27.00	0.65	0.10	1.22	
	215 Road	✓	17.80	0.65	0.10	0.80	
	Bottom	✓	23.20	0.65	0.10	1.04	

Reference
to last
Measurement
8

376.96
0 m²
0 m² 163944.00

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	L13	1	24.60	0.45	0.10	1.11	
		1	30.00	0.45	0.10	1.35	
		1	29.50	0.45	0.10	1.32	
		1	7.60	0.45	0.10	0.34	
		2	30.00	0.45	0.10	4.05	
		1	6.00	0.45	0.10	0.27	
		1	30.00	0.45	0.10	1.35	
		1	17.40	0.45	0.10	0.78	
		2x2	36.00	0.45	0.10	5.40	
		2	30.00	0.45	0.10	2.70	
		2	27.00	0.20	0.10	1.08	
		2	17.80	0.20	0.10	0.71	
		2	22.20	0.20	0.10	0.92	
		2	24.60	0.20	0.10	0.98	
		2	20.00	0.20	0.10	1.20	
		2	29.50	0.20	0.10	1.18	
	siddivinayaka coping R/S L10						

Serial No.
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Date 1	Full description, etc, of work 2
	L13
	Culverts

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Date of commencement of work

Contents	Reference to last Measurement
7	8
1.44 ✓	
1.38 ✓	
1.32 ✓	
0.34 ✓	
4.05 ✓	
0.27 ✓	
1.35 ✓	
0.78 ✓	
5.40 ✓	
2.70 ✓	
1.88 ✓	
0.71 ✓	
0.92 ✓	
0.98 ✓	
1.20 ✓	
1.18 ✓	

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	7.60	0.20	0.10	0.30 ✓	
	L.S.	2x3	30.00	0.20	0.10	3.60 ✓	
		2	6.00	0.20	0.10	0.24 ✓	
		2	30.00	0.20	0.10	1.20 ✓	
		2	17.40	0.20	0.10	0.70 ✓	
		2x4	30.00	0.20	0.10	4.80 ✓	
		4	24.00	0.20	0.10	1.92 ✓	
	curbverts	1	6.40	1.50	0.10	0.96 ✓	
		1	6.90	1.80	0.10	1.24 ✓	
		1	4.50	1.50	0.10	0.68 ✓	

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
			Total qty			41.09 m ³	
			Qty up to 125%			35.06 m ³	
				e 5327.6 m ³		186787.0	
			Qty above 125%			6.03 m ³	
				e 5490.72 m ³		186800 = 0	
						33095 = 0	
						33095	
	7) Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs with 20mm and down size graded granite metal coarse aggregate @ 0.878 cum and fine aggregate @ 0.459 cum with superplasticizer @ 3% conforming to IS 8103-1999 read mixed 2008 machine mixed concrete laid in layers not exceeding 150mm thick vibrated for all corners in foundation plinth and ground floor for roof slab etc complete						

Handwritten: J. K. Mesure
Stamp: Assistant Executive Engineer,
 Vidyanarayana Sub Division
 BBMP, Bangalore - 97

Serial No.
 Name of Work
 Name of Contractor of nature of Agency
 Date of commencement of work

Date 1	Full description, etc, of work 2
	Siddhivinaya LLO Main R... 1215
	415

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No. B

265272

Serial No.

Name of Work From To

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Date of commencement of work

Contents	Reference to last Measurement
7	8
41.09 m ³	
35.06 m ³	
186787.0	
7.64 m ³	186800 = 00
6.03 m ³	
0.72 m ³	33095 = 00
Concrete p	33099
nd down	
and bin	
ing to 35	
in 194cm	
lation plinth	

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Siddhivinaya LLO Main Road	1	27.00	0.90	0.10	2.43	
	RLS	1	17.80	0.90	0.10	1.60	
		1	23.20	0.90	0.10	2.09	
		1	24.60	0.90	0.10	2.21	
		1	30.00	0.90	0.10	2.70	
		1	29.50	0.90	0.10	2.66	
		1	7.60	0.90	0.10	0.68	
	L/S	3	30.00	0.90	0.10	8.10	
		1	6.00	0.90	0.10	0.54	
		1	30.00	0.90	0.10	2.70	
		1	17.40	0.90	0.10	1.57	

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Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Deck slab Culverts	2x2 2	30.00 26.00	0.90 0.90	0.10 0.10	10.80 4.32	
		1	6.40	1.50	0.23	2.21	
		1	6.90	1.80	0.23	2.86	
		1	4.50	1.50	0.23	1.55	
						<u>69.02</u> <u>47.04 m³</u>	
						@ 6065.28/m ³	285311.00
8)	providing TMT steel reinforcement for RCC work including straightening, cutting, bending, hooking & lacing in position lapping and for welding wherever required tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials labour H.M. machinery complete as per specification						

Serial No.
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Date	Full description, etc, of work
1	2
	8) providing and removing and removal of form work for roofs landings, balconies cost of materials labour Q17 Pa

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No. B **265273**

Serial No.
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Date of commencement of work

Date	Full description, etc., of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty as per premeasurement					Recorded vide	
	page no: 265258 to 259 of this MB is						
						3.53 tonnes	
						=	
						@ 7835.84/	
	9) providing and removing centering, shuttering skutting propping and removal of form work for flat surface such as suspended floors, roofs landings, balconies and likes thickness upto 200mm including work of materials labours complete as per specification						
	Qty as per premeasurement					Recorded vide	
	Page no: 265260 to 261 of this MB is					418.96 m ²	
						@ Rs. 314.28/m ²	
							131664.00

Contents	Reference to last Measurement
7	8
10.80	
4.32	
2.21	
2.86	
1.55	
47.04 m ³	
285311.00	

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Serial No.
Name of Work From To
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Contents	Reference to last Measurement
7	8
col surface for base lar hot motours finishes were the tumen in using to dual 10.13 83.13 m ³ 17.19 m ³	

Date	Full description, etc., of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	14) providing and laying bituminous concrete crushed aggregates & specified grading premixed with bituminous binder at 5-4 to 5-6 % of mix and filler transportation the hot mix to work site laying with a hydrostatic paver finisher with mechanical control to the required grade level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desired compaction as per RORH using 100/120 TPA capacity 11MP with mechanical paver 5r-11 (30mm to 45mm) with 6% CRM.	Qty above	1257.			65.94 m ³	
	Canara Bank LLO with Main		4.60	76+12.0	0.04	1.80	380873 = m 380859 = m
			30.00	11.5+10.5	0.04	13.20	

Executive 12/8

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	In front of Hospital	1	8.40	$\frac{(10.5+11.0)}{2}$	0.04	3.61	
	Siddi Vinayaka Llo Main Road	1	28.50	$\frac{(10.0+7.6)}{2}$	0.04	10.03	
		1	30.00	$\frac{(6.0+6.6)}{2}$	0.04	7.56	
		1	30.00	$\frac{(6.6+7.6)}{2}$	0.04	8.52	
		1	30.00	$\frac{(7.6+6.3)}{2}$	0.04	8.34	
		1	30.00	$\frac{(6.3+5.3)}{2}$	0.04	6.84	
		1	30.00	$\frac{(5.3+4.6)}{2}$	0.04	6.06	
		1	23.80	$\frac{(4.8+5.6)}{2}$	0.04	4.85	
		1	30.00	$\frac{(7.6+6.3)}{2}$	0.04	8.34	

23/8
Executive Engineer
Byatarayanapura Division
BBMP, Bangalore-92

Serial No.
Name of Work
Name of Contractor of nature of Ag
Date of commencement of work

Date 1	Full description, etc, of work 2
	2nd cross

Office
Assistant Executive Engineer
Vidyaranyapura Division
BBMP, Bangalore-92

BOOK

Depth 6	Contents 7	Reference to last Measurement 8
1.00) 0.04	3.61	
2.76) 0.04	10.03	
3.66) 0.04	7.56	
4.76) 0.04	8.52	
5.63) 0.04	8.34	
6.53) 0.04	6.94	
7.48) 0.04	6.06	
8.56) 0.04	4.85	
9.63) 0.04	8.34	

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265276

Serial No.

Name of Work From To

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Date of commencement of work

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	2nd cross	1	30.00	$\frac{4.5+3.3}{2}$	0.04	4.68	
		1	30.00	$\frac{3.3+3.8}{2}$	0.04	4.26	
		1	30.00	$\frac{3.8+3.3}{2}$	0.04	4.26	
		1	20.00	$\frac{3.3+3.6}{2}$	0.04	2.76	
						~~95.10 m³~~	
						978386.00	

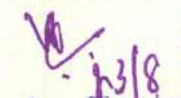
Office
Assistant Executive Engineer
Vidyanayapura Sub Division
BBMP, Bangalore - 97

978386.08 m³

978386.00

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
15)	providing and laying semi dense bituminous concrete using crushed aggregates of specified grading premixed with bituminous binder and filler transporting the hot mix to work site laying with a hydrostatic paver finisher with mechanical control to the required grade level and alignment rolling with smooth wheeled vibrating and tandem roller to achieve the desired compaction as per MORTH specification with 100-120 TPH capacity HMP with mechanical paver gr-11 (25mm to 30mm) with 5% VG-30 Bitumen etc complete						
	Canara Bank 40 2nd cross	1	30.00	$(6.2 + 6.2) \div 2$	0.025	4.84	
		1	19.50	$(6.2 + 8.4) \div 2$	0.025	3.56	
	1st cross	1	30.00	$(8.3 + 6.5) \div 2$	0.025	5.55	
		1	30.00	$(6.5 + 5.5) \div 2$	0.025	4.50	
		1	24.00	$(5.5 + 5.5) \div 2$	0.025	3.48	


 Executive Engineer
 Byatarayanapura Division
 BBMP, Bangalore-92

Serial No.
 Name of Work
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Date 1	Full description, etc, of work 2
	Arobindo school Road 1st cross Checked. 2nd cross 3rd cross  Executive Engineer Byatarayanapura Division BBMP, Bangalore-92 Assistant Executive Engineer Vidyaranyapura S BBMP, Bang 16) Filling pot holes and removal of all failed material from vertical faces cleaning

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No. B 265277

Serial No.

Name of Work From To

Name of Contractor or nature of Agency

Date of commencement of work

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Arobindo school Road 1st cross <i>Unkilled</i> 2nd cross 3rd cross	1 1 1	30.20 35.20 35.40	$(6.0+6.3) \div 2$ $(6.0+6.4) \div 2$ $(5.9+5.3) \div 2$	0.025 0.025 0.025	6.64 5.46 4.96 <u>35.75 m</u>	
	Executive Engineer Byatarayanapura Division BBMP, Bangalore-97 Assistant Executive Engineer Vidyaranyapura Sub Division BBMP, Bangalore - 97						
16)	Filling of holes and patch repairs with bituminous concrete 40 mm removal of all failed material trimming & complete excavation to provide firm vertical faces cleaning & surface paring & (see cont on the sides						

② 12.10000 = 12.10

357500 = 357.5

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	and ball of excavation as per clause 500.3 firming its surface to form a smooth continuous surface complete as per specification	1	2.50	3.20	-	8.00	
		1	10.20	3.50	-	35.70	
		1	5.00	2.80	-	14.00	
		1	6.60	2.90	-	19.14	
		1	10.50	3.20	-	33.60	
		1	2.50	3.20	-	8.00	
		1	6.80	3.00	-	20.40	
		1	10.00	4.00	-	40.00	
		1	8.00	3.50	-	28.00	
		1	4.50	3.00	-	13.50	
		1	3.50	3.00	-	10.50	

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Date 1	Full description, etc 2
	17) Lead Assistant Executive Engineer Vijayaraman BMP

BOOK

Width	Depth	Contents	Reference to last Measurement
6	7	8	
2.0	-	8.00	
3.0	-	35.70	
4.0	-	14.00	
5.0	-	19.14	
6.0	-	33.60	
7.0	-	8.00	
8.0	-	20.40	
9.0	-	40.00	
10.0	-	28.00	
11.0	-	13.50	
12.0	-	10.50	

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265278

Serial No.
Name of Work
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Date of commencement of work

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	12) <i>legging the surface to specification</i>		4.80	2.80	-	13.44 240.10 m ²	249.78 88646.00
	<i>Assistant Executive Engineer Vijayawada Sub Division BMP, Bangalore - 97</i>						
	<i>legging the surface to specification of Vaidyanayapuram & debris shall be payable at carriage rates at wide item No. 01 means including loading and unloading complete</i>					669.65 m ³	50271.00
						62.75.07 m ³	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	<u>PIRL</u>						
	19) providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including boxing curing etc complete 7.5 cm thick etc complete	4	30.00	-	1.35	162.00	
						@ 663.12/m ²	107625.00
	18) providing and constructing granite / basalt size stone masonry in foundation with cement mortar 1:6 stone hammer-dressed in course not less than 20 cm high bond stones at 2m apart in each course including cost of materials labour curing complete as per specification	2	6.40	0.60	0.80	6.16	
	culverts	2	6.90	0.60	0.80	6.62	

Serial No.

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Date of commencement of v

Date	Full description, c
1	2
	<u>certificate:</u> ce

Certificate:

Ce

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Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		2	4.50	0.60	0.80	4.32 16.20 m ³	12.08
						@ 4135.32/m ³	66992.20
						TOTAL	484888.20
							4848368.00

Certificate:

Certified that the above work done is satisfactory

measured
Assistant Executive Engineer
Sub Division

Jamesdhar
19/8/16

no. 2653 / 12-16 WNO. 09

Assistant Executive Engineer
Vidyananpura Sub Division

Date	Full description, etc
1	2

M. A. R. 57 (Rule 116)
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No. B 265280

Serial No. From To
Name of Work
Name of Contractor of nature of Agency
Date of commencement of work

Date 1	Full description, etc., of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
						IT-48490-00	
						AT-193950-00	
						20F-48490-00	
						CBF-4830-00	
						LR-92150	
						<u>Delivered 387930-</u>	

Audited & Admitted to Rs 4848360-00
4460430-
and Rs 387930-
Krishnakrishna
Accts. Supdt
Byataravandurk On 21/9/2019
BBM

Contents 7	Reference to last Measurement 8

Engineering